

begin 5,6,55,154,155,156,312,399,biotech,biosci

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>>>      76 is unauthorized
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$0.08  INTERNET
$0.08  Estimated cost this search
$0.08  Estimated total session cost   0.240 DialUnits
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 (c) 2008 BLHCIS
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 (c) 2008 Beilstein GmbH
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Set	Items	Description
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? s rhamnose (3n) inducib? (3n) promoter?

Processing

28123 RHAMNOSE

594605 INDUCIB?
 1483290 PROMOTER?
 S1 103 RHAMNOSE (3N) INDUCIB? (3N) PROMOTER?

? s s1 and (isomerase or RhaA)

103 S1
 124839 ISOMERASE
 132 RHAA
 S2 2 S1 AND (ISOMERASE OR RHAA)

? d s2/3/1-2

2/3/1 (Item 1 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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141048563 CA: 141(4)48563t PATENT
 L-Rhamnose-inducible expression systems for Enterobacteriaceae and Actinomycetales
 Inventor (Author): Kesseler, Maria; Zelinski, Thomas; Hauer, Bernhard
 Location: Germany,
 Assignee: BASF Aktiengesellschaft
 Patent: PCT International ; WO 200450877 A1 Date: 20040617
 Application: WO 2003EP13367 (20031127) *DE 10256381 (20021202)
 Pages: 67 pp.
 CODEN: PIXXD2
 Language: German
 Patent Classifications:
 Class: C12N-015/63A
 Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH;
 CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID;
 IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;
 MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN;
 TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW
 Designated Regional: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ;
 BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU;
 IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
 NE; SN; TD; TG

2/3/2 (Item 1 from file: 357)
 DIALOG(R)File 357: Derwent Biotech Res.
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0344566 DBA Accession No.: 2004-16858 PATENT
 Rhamnose-induced expression of nucleic acid in prokaryotes, useful for production of proteins
 and fine chemicals, uses host cells deficient in L-rhamnose isomerase recombinant enzyme protein
 production via plasmid expression in host cell for use in stereospecific and pharmaceutical

Author: KESSELER M; ZELINSKI T; HAUER B
 Patent Assignee: BASF AG 2004
 Patent Number: WO 200450877 Patent Date: 20040617 WPI Accession No.: 2004-468562
 (200444)
 Priority Application Number: DE 1056381 Application Date: 20021202
 National Application Number: WO 2003EP13367 Application Date: 20031127
 Language: German

? s rhabad

S3 153 RHABAD

? s s3 and (isomerase? or rhaA)

153	S3
141588	ISOMERASE?
132	RHAA
S4	20 S3 AND (ISOMERASE? OR RHAA)

? s s3 and (isomerase? or rhaA) (5n) (delet? or inactivat? or deficien?)

Processing

153	S3
141588	ISOMERASE?
132	RHAA
1376530	DELET?
1026706	INACTIVAT?
2811447	DEFICIEN?
3451	(ISOMERASE? OR RHAA) (5N) ((DELET? OR INACTIVAT?) OR DEFICIEN?)
S5	1 S3 AND (ISOMERASE? OR RHAA) (5N) (DELET? OR INACTIVAT? OR DEFICIEN?)

? d s5/3/1

5/3/1 (Item 1 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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141048563 CA: 141(4)48563t PATENT
 L-Rhamnose-inducible expression systems for Enterobacteriaceae and Actinomycetales
 Inventor (Author): Kesseler, Maria; Zelinski, Thomas; Hauer, Bernhard
 Location: Germany,
 Assignee: BASF Aktiengesellschaft
 Patent: PCT International ; WO 200450877 A1 Date: 20040617
 Application: WO 2003EP13367 (20031127) *DE 10256381 (20021202)
 Pages: 67 pp.

CODEN: PIXXD2

Language: German

Patent Classifications:

Class: C12N-015/63A

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW

Designated Regional: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

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DIALOG(R)File 5: Biosis Previews(R)

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15700473 Biosis No.: 200000418786

Genetic evidence that transcription activation by RhaS involves specific amino acid contacts with sigma 70

Author: Bhende Prasanna M; Egan Susan M (Reprint)

Author Address: Department of Molecular Biosciences, University of Kansas, 8031 Haworth Hall, Lawrence, KS, 66045, USA**USA

Journal: Journal of Bacteriology 182 (17): p 4959-4969 September, 2000 2000

Medium: print

ISSN: 0021-9193

Document Type: Article

Record Type: Abstract

Language: English

USPTO Full Text Retrieval Options

Dialog eLink:

6/3/2 (Item 2 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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11946853 Biosis No.: 199396111269

Sequencing and characterization of a gene cluster encoding the enzymes for L-rhamnose metabolism in Escherichia coli

Author: Moralejo Pilar; Egan Susan M; Hidalgo Elena; Aguilar Juan (Reprint)

Author Address: Dep. Biochem., Sch. Pharmacy, University Barcelona, Diagonal 643, 08028 Barcelona, Spain**Spain

Journal: Journal of Bacteriology 175 (17): p 5585-5594 1993

ISSN: 0021-9193

Document Type: Article

Record Type: Abstract

Language: English

USPTO Full Text Retrieval Options

Dialog eLink: 6/3/3 (Item 1 from file: 154)

DIALOG(R)File 154: MEDLINE(R)

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14011478 PMID: 11255157

High-cell-density fermentation for production of L-N-carbamoylase using an expression system based on the Escherichia coli rhabAD promoter.

Wilms B; Hauck A; Reuss M; Syldatk C; Mattes R; Siemann M; Altenbuchner J

Institut für Industrielle Genetik Universität Stuttgart, Allmandring 31, 70569 Stuttgart, Germany.

Biotechnology and bioengineering (United States) Apr 20 2001 , 73 (2) p95-103 , ISSN: 0006-3592-Print Journal Code: 7502021

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

6/3/4 (Item 1 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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146289182 CA: 146(15)289182b JOURNAL

Genome-wide detection and analysis of homologous recombination among sequenced strains of Escherichia coli

Author: Mau, Bob; Glasner, Jeremy D.; Darling, Aaron E.; Perna, Nicole T.

Location: Department of Mathematics, Lincoln Drive, University of Wisconsin, Madison, WI, 53706, USA

Journal: GenomeBiology

Date: 2006

Volume: 7 Number: 5 Pages: No pp. given

CODEN: GNBLFW

Uniform Resource Locator (URL): <http://genomebiology.com/content/pdf/gb-2006-7-5-r44.pdf>

Media Type: online computer file
 ISSN: 1465-6914
 Language: English
 Publisher: BioMed Central Ltd.

6/3/5 (Item 2 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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141048563 CA: 141(4)48563t PATENT
 L-Rhamnose-inducible expression systems for Enterobacteriaceae and Actinomycetales
 Inventor (Author): Kesseler, Maria; Zelinski, Thomas; Hauer, Bernhard
 Location: Germany,
 Assignee: BASF Aktiengesellschaft
 Patent: PCT International ; WO 200450877 A1 Date: 20040617
 Application: WO 2003EP13367 (20031127) *DE 10256381 (20021202)
 Pages: 67 pp.
 CODEN: PIXXD2
 Language: German
 Patent Classifications:
 Class: C12N-015/63A
 Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH;
 CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID;
 IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;
 MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN;
 TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW
 Designated Regional: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ;
 BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU;
 IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
 NE; SN; TD; TG

6/3/6 (Item 1 from file: 35)
 DIALOG(R)File 35: Dissertation Abs Online
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1026501 ORDER NO: AAD88-21380
 CHARACTERIZATION OF GENES INVOLVED IN L-RHAMNOSE METABOLISM IN
 SALMONELLA TYPHIMURIUM LT2

Author: NISHITANI, JUNKO
 Degree: PH.D.
 Year: 1988
 Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, LOS ANGELES (0031)
 Source: Volume 4908B of Dissertations Abstracts International.
 PAGE 3009 . 168 PAGES

6/3/7 (Item 2 from file: 35)

DIALOG(R)File 35: Dissertation Abs Online

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804977 ORDER NO: AAD83-06002

THE GENETICS OF L-RHAMNOSE UTILIZATION IN SALMONELLA TYPHIMURIUM
LT2

Author: AL-ZARBAN, SHEIKHA SALEH

Degree: PH.D.

Year: 1982

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, LOS ANGELES (0031)

Source: Volume 4310B of Dissertations Abstracts International.

PAGE 3131 . 86 PAGES

? e au=kebeler, maria

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E5	2	AU=KEBELI H V
E6	2	AU=KEBELI H.V.
E7	2	AU=KEBELI HV
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E10	3	AU=KEBELI, H. V.

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E3	0	*AU=KEBELEL MARIA
E4	1	AU=KEBELEL, MARIA
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E6	2	AU=KEBELI H V
E7	2	AU=KEBELI H.V.
E8	2	AU=KEBELI HV
E9	1	AU=KEBELI NEVIN
E10	1	AU=KEBELI, H. V

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? e au=zelinski, thomas

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E5	7	AU=ZELINSKI, V.

E6	1	AU=ZELINSKI, VON RAINER
E7	2	AU=ZELINSKI, W.
E8	3	AU=ZELINSKI, W. P.
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E10	1	AU=ZELINSKI, WILLIAM

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E6	1	AU=ZELINSKI VA
E7	4	AU=ZELINSKI W
E8	2	AU=ZELINSKI WILLIAM JOHN JR
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E10	2	AU=ZELINSKI Z

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? e au=hauer, bernhard

Ref	Items	Index-term
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E2	3	AU=HAUER, BERND
E3	352	*AU=HAUER, BERNHARD
E4	15	AU=HAUER, BERNHARD H.
E5	21	AU=HAUER, BERNHARDT
E6	1	AU=HAUER, BIRGET
E7	11	AU=HAUER, BIRGIT
E8	4	AU=HAUER, C
E9	14	AU=HAUER, C.
E10	2	AU=HAUER, C. A.

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? e au=hauer bernhard

Ref	Items	Index-term
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E4	2	AU=HAUER BERNHARD F
E5	1	AU=HAUER BF
E6	1	AU=HAUER BH
E7	35	AU=HAUER BIRGET
E8	148	AU=HAUER C
E9	19	AU=HAUER C A
E10	71	AU=HAUER C R

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